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### NOTICE OF ALLOWANCE AND FEE(S) DUE

25944 7590 10/07/2011 OLIFF & BERRIDGE, PLC P.O. BOX 320850 ALEXANDRIA, VA 22320-4850 EXAMINER
PERSAUD, DEORAM

ART UNIT PAPER NUMBER

2882

DATE MAILED: 10/07/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/588,730	10/18/2007	Kiyoshi Uchikawa	129041	3983

TITLE OF INVENTION: EXPOSURE METHOD AND APPARATUS, AND DEVICE PRODUCTION METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1740	\$300	\$0	\$2040	01/09/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED.</u> SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

#### Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

indicated unless correcte maintenance fee notificat	ed below or directed oth tions.	nerwise in Block 1, by (a	rders and notification of na) specifying a new corres	pondence address;	and/or (b) indicating	g a separa	ate "FEE ADDRESS" for
		ock 1 for any change of address)	Fee(	s) Transmittal. This rs. Each additional	certificate cannot b	e used for	domestic mailings of the rany other accompanying or formal drawing, must
OLIFF & BERRIDGE, PLC P.O. BOX 320850 ALEXANDRIA, VA 22320-4850			I he State addr trans	Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.			
							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKE	T NO.	CONFIRMATION NO.
10/588,730	10/18/2007	•	Kiyoshi Uchikawa	•	129041	•	3983
OF INVENTION  APPLN, TYPE	EXPOSURE METHOI	D AND APPARATUS, A	ND DEVICE PRODUCTI	ON METHOD  PREV. PAID ISSUE	FEE TOTAL FEE	(S) DUE	DATE DUE
	NO NO		\$300	\$0	\$204		
nonprovisional	NO	\$1740	•	<b>\$</b> U	\$204	•0	01/09/2012
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
PERSAUD, DEORAM 2882			355-052000				
"Fee Address" indi PTO/SB/47; Rev 03-0 Number is required.  3. ASSIGNEE NAME AL PLEASE NOTE: Unl	ondence address (or Cha 3/122) attached. ication (or "Fee Address 2 or more recent) attached ND RESIDENCE DATA ess an assignee is ident n in 37 CFR 3.11. Comp	nge of Correspondence  " Indication form ed. Use of a Customer  A TO BE PRINTED ON 7 ified below, no assignee	2. For printing on the p (1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent atto listed, no name will be THE PATENT (print or type data will appear on the patent attorney or a substitute for filing and (B) RESIDENCE: (CITY	3 registered patent rely, e firm (having as a gent) and the name neys or agents. If n printed. e) etent. If an assigne assignment.	attorneys 1 member a 2 s of up to o name is 3 e is identified below	v, the doo	cument has been filed for
Please check the appropri	ate assignee category or	categories (will not be pr					p entity 🗖 Government
4a. The following fee(s) are submitted:  ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			A check is enclosed.  Payment by credit car	Fee(s): (Please first reapply any previously paid issue fee shown above) is enclosed.  by credit card. Form PTO-2038 is attached.  ctor is hereby authorized to charge the required fee(s), any deficiency, or credit any nent, to Deposit Account Number (enclose an extra copy of this form).			
a. Applicant claims	t <b>us</b> (from status indicated s SMALL ENTITY statu	is. See 37 CFR 1.27.	b. Applicant is no long	ger claiming SMAL	L ENTITY status. S	ee 37 CFI	R 1.27(g)(2).
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a regis	tered attorney or age	ent; or the	assignee or other party in
Authorized Signature				Date			
Typed or printed name				•	)		
This collection of information application. Confident submitting the completed this form and/or suggestions.	ation is required by 37 C iality is governed by 35 I application form to the ons for reducing this bu	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th	on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office	etain a benefit by th imated to take 12 m idual case. Any cor r, U.S. Patent and T	e public which is to ninutes to complete, nments on the amou rademark Office, U	file (and l including int of time .S. Depar	by the USPTO to process) gathering, preparing, and e you require to complete tment of Commerce, P.O.

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10/588,730	10/18/2007	Kiyoshi Uchikawa	129041	3983	
25944 75	90 10/07/2011	EXAMINER			
OLIFF & BERRIDGE, PLC			PERSAUD, DEORAM		
P.O. BOX 320850					
ALEXANDRIA, VA 22320-4850			ART UNIT PAPER NUMBER		
			2882		

DATE MAILED: 10/07/2011

## **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 300 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 300 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Examinar Initiated Interview Summers	10/588,730	UCHIKAWA, KIYOSHI			
Examiner-Initiated Interview Summary	Examiner	Art Unit			
	DEORAM PERSAUD	2882			
All participants (applicant, applicant's representative, PTO	personnel):				
(1) <u>DEORAM PERSAUD</u> .	(3)				
(2) <u>Kevin Ross Davis</u> .	(4)				
Date of Interview: 30 September 2011.					
Type: X Telephonic Video Conference Personal [copy given to: Applicant	☐ applicant's representative]				
Exhibit shown or demonstration conducted: Yes If Yes, brief description:	⊠ No.				
Issues Discussed 101 112 102 103 Oth (For each of the checked box(es) above, please describe below the issue and detail					
Claim(s) discussed: <u>1,2,8-13,19-30,38 and 52</u> .					
Identification of prior art discussed:					
Substance of Interview (For each issue discussed, provide a detailed description and indicate if agreemen reference or a portion thereof, claim interpretation, proposed amendments, arguments.)		dentification or clarific	cation of a		
Cancellation authorization was obtained for claims 1, 2, 8-13 and 19-30 and authorization for an Examiner's amendment was obtained for claims 38 and 52.					
Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.					
<b>Examiner recordation instructions</b> : Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.					
☐ Attachment					
/D. P./ Examiner, Art Unit 2882					

Application No.

Applicant(s)